In the Specification

Add the following new paragraph after paragraph [0023] on page 6 at end of section entitled "Brief Description of the Drawings":

[0023.1] Fig. 12 is a graph illustrating one experimental test result for realizing flow demand using the valve and valve control system of Figs. 1-11.

Replace paragraph [00139] on pages 37-38 with the following amended paragraph:

[00139] Figure 12 illustrates one experimental test result for realizing ~~slow~~ flow demand using the valve and valve control system of Figures 1-11 in order to calculate flow as a turbine is ramped up from a starting condition over time with increasing speed to a final idle position (shown on the right hand of the abscissa). Plot 300 illustrates an experimentally determined fuel flow that was measured continuously from startup to idle using a Coriolis meter. Plot 302 illustrates flow that was calculated using the techniques described with reference to Figures 1-11 wherein four sensors were used instead of using a flow feedback device in order to calculate flow without using a relatively expensive flow detector.